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<u>Abstract</u>

Description of a method for the preparation of a polyolefin foil by developing a foil from a mass having a content of polyolefin and with subsequent treatment of the foil by means of electron beams. The polyolefin foil prepared according to the invention specific method distinguishes itself vis-a-vis the state of the art by favorable price, concurrent with excellent ability of being laminated and embossed as well as having high grain stability.